

NEW RECORDS OF AUSTRALIAN NYMPHIDAE

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Abstract

Nymphidae in the Australian Museum represent additional distributions and extension of ranges.

Study of material in the Australian Museum since the publication of New's (1981) revision of the Nymphidae has revealed the presence of specimens representing significant extensions of range or additions to known distributions. These are recorded here.

Nymphes Leach

Nymphes myrmeleonides Leach

QUEENSLAND: 1 female, Goodnight Beach near Morganville, S.W. GinGin, 5.xii. 1980. M.S. & B.J. Moulds.

NEW SOUTH WALES: 1 female, Kyogle, 9.xi.1983. D.J. Scambler. 1 female, Landsdowne, near Taree, 27.xi.1980. M.S. & B.J. Moulds; 1 female, 20.x.1980. G. Williams. 1 male, 2 females, Jacob's R., S. Nimmitabel, 10.i.1982. M.S. & B.J. Moulds. 1 male, Camden, 21.iii.1960. J.V. Peters; 1 male, 8.ii.1971. G.A. Holloway; 1 female, 2.iii.1971. C.N.Smithers.

Nymphes modesta Gerstaecker

QUEENSLAND: 1 female, Mt. Spurgeon, W. Mosman, 21.xii.1974. M.S. Moulds.

Nymphes aperta New

QUEENSLAND: 1 female, Coomingleh Range, 24 km. N. Monto, 6.i.1975. M.S. Moulds.

NEW SOUTH WALES: 2 females, Landsdowne, Near Taree, 27.xi.1980. M.S. & B.J. Moulds.

In Queensland previously known only from Millstream Falls and Brisbane and in New South Wales only from Bathurst.

Norfolius Navas

Norfolius howensis (Tillyard)

QUEENSLAND: 1 female, Toowoomba, 9.xi.1983. I.F.B. Common, B. Hacobian.

NEW SOUTH WALES: 1 female, Mt. Tomah, 25.i.1982. N.Rodd. 1 male, Kurrajong, 4.xii.1979. D.K. McAlpine, D.S. Kent, B.Day.

Myiodactylus Brauer

Myiodactylus osmyloides Brauer

QUEENSLAND: 1 male, Kuranda, 21.i.1951. J.G. Brooks. 1 female, Millstream Falls, near Ravenshoe, 5.i.1967. D.K. McAlpine, G.A. Holloway. 12 males, 15 females, S. end Fraser Is., 3.x.1980. M.S. & B.J. Moulds. 1 female, Windsor Tablelands, N.W. Mosman, 27.xii.1976.

M.S. & B.J. Moulds. 2, swamp at head of Isabella Ck., 12 km. N. Bald Hills Station, 30 km. N. Cooktown, 14.xii.1982. M.S. & B.J. Moulds. 2, Bald Hills Station, near turnoff to Laura, N. Cooktown, 12.ii.1982. M.S. & B.J. Moulds. 1 female, Cooktown, 17.ii.1982. M.S. & B.J. Moulds. 1, Clohesy R.S.F., S. W. Kuranda, 18.1.1984. M.S. & B.J. Moulds. 2 females, Blackdown Tablelands, Expedition Range, 17.i.1987. M.S. & B.J. Moulds.

NEW SOUTH WALES: 1 female, southwest Rocks, Trial Bay, xii. 1929, G.P. Whitley. 1 female, Como West, 2-3.ii.1974. L.S. Willan. 2 males, 2 females, E. Freshwater R., Iluka Dist., 17.i.1971. D.K. McAlphine, H. Hughes. 1, Iluka Nature Reserve, Clarence R., 29.i.1973. D.K. McAlpine, K.C.Khoo.

Myiodactylus pubescens Banks

QUEENSLAND: 1, Mitchell R., 1927. J. Done.

This is the only Queensland record for this species, known from Western Australia and the Northern Territory.

Myiodactylus striatus New

QUEENSLAND: 1 female, Lloyd Bay, North of Claudie R. mouth, 14.i.1972. D.K. McAlpine, G.A. Holloway. 1 male, near airstrip, Iron Range, 20.xii.1971. D.K. McAlpine, G.A. Holloway.

Known previously only from near Mt Cahill, Northern Territory.

Osmylops Banks

Osmylops sejunctus (Walker)

WESTERN AUSTRALIA: 1 male, 1 female, Yallingup, 30.xii.1978. M.S. & B.J. Moulds. QUEENSLAND: 1 female, Barakule S.F., near Chinchilla, 16.ix.1982. B.Hacobian. NEW SOUTH WALES: 1 male, Muogamarra Nature Reserve, near Sydney, 13.x.1976. C.N. & A.S. Smithers.

Not previously recorded from Queensland.

Osmylops armatus (McLachlan)

QUEENSLAND: 1 female, swamp at head of Isabella Ck., 12 km. N. Bald Hills Station, 30 km N. Cooktown, 14.ii.1982. M.S. & B.J. Moulds. 1 male, 8 km S. Clermont, 18.iii.1982. M.S. & B.J. Moulds. 3 females, Forty Mile scrub, 65 km. S.W. Mt. Garnet, 19.i.1977. M.S. and B.J. Moulds. 1 female, Carnarvon Range, 12.xii.1938. N. Geary.

NEW SOUTH WALES: 1 male, 1 female, Lane Cove, emerged from pupa, 22-23.ix.1964. A.S. Smithers. 1 male, Ermington, 20.xi. 1916. L. Gallard. 1, Turrumurra, 21.xi.1971. D. Clyne. 1, Como West, 2.iii.1973. L. Willan. 1 male, Greenacre, 18.i.1969, G.A.Holloway.

NORTHERN TERRITORY: 2 females, Mataranka Homestead, 25.i.1977. M.S. & B.J. Moulds.

The only previous record for New South Wales is from Hornsby (near Sydney). Not previously recorded from the Northern Territory.

Osmylops placidus (Gerstaecker)

QUEENSLAND: 1 male, 1 female, Station Creek, 15 km. N. Mt. Malloy, 22.i.1981. M.S. Moulds. 1 female, 6 km. N.E. Mt. Lamond, Iron Range, 8.1.1972. D.K. McAlpine, G.A. Holloway.

NEW SOUTH WALES: 1 female, Tomerong, 20.i.1979. G. Daniels.

NORTHERN TERRITORY: 2 females, Waterhouse R., Mataranka Homestead, 2.i.1987.

Not previously recorded from Queensland.

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References

NEW, T.R. 1981. A revision of the Australian Nymphidae (Insecta: Neuroptera). *Australian Journal of Zoology* 29: 707-750.